



SPW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: D. James Surmeier, *et al.*
Serial No.: 10/761,557
Filed: 01/21/2004
Entitled: **Manipulation of Neuronal Ion Channels**

Group No.: 1635
Examiner: Chong

AMENDMENT TRANSMITTAL

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR § 1.8(a)(1)(i)(A)

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: April 19, 2006

By: 

Mary Ellen Waite

Sir or Madam:


Transmitted herewith is an amendment for this application. The fee has been calculated as shown below:

	Claims Remaining After Amendment		Highest Number Previously Paid For	Present Extra		Rate	Additional Fee
Total Claims	3	—	16	0	X	\$50.00	\$0.00
Independent Claims	1	—	4	0	X	\$200.00	\$0.00

TOTAL DUE: \$0.00

1. No fee is due at this time.
2. The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication, and/or credit any overpayment, to **Deposit Account No. 08-1290**. An **originally executed duplicate of this transmittal is enclosed for this purpose.**

Date: April 19, 2006


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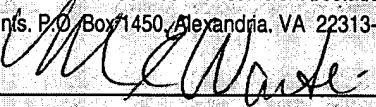
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Serial No.: 10/761,557
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Entitled: Manipulation of Neuronal Ion Channels

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**RESPONSE TO FINAL OFFICE ACTION MAILED
FEBRUARY 21, 2006**

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Date: April 19, 2006	By:  Mary Ellen Waite

Examiner Chong:

This communication is responsive to the Final Office Action mailed 02/21/06. This communication is being submitted within two months of the date of mailing of the Final Office Action in order to provoke an advisory action from the Examiner. Applicants respectfully request reconsideration of the application in view of the following amendments and remarks.

Amendments to the Specification being on page 2 of this response.

Amendments to the Claims begin on page 4 of this response.

Arguments/remarks begin on page 5 of this response.